## **Author Index**

Bayramli, E.		83	
Bloß, P.	177		
D . D	-	000	00

Briscoe, B.J. 263, 301

Chlebicki, J. 251 Clark, D.C. 293 Ćosović, B. 279

Courthaudon, J.-L. 293

Dickinson, E. 293 Dragčević, D. 279

Galvin, K.P. 263, 301 Graillat, C. 189 Grieser, F. 339 Gurkov, T.D. 101, 119, 149

Guyot, A. 189

Hall, R.A. 339 Hayes, D. 339 Hergeth, W.-D. 177 Higashitani, K. 13

Ibanov, I.B. 149 Ikeda, S. 217 Inada, N. 13 Ivanov, I.B. 119

Johansson, K. 313

Klarić, R. 279 Koczó, K. 59 Kozarac, Z. 279 Kralchevsky, P.A. 101, 119, 149 Lee, B.I. 25, 45 Lei, Z.M. 357 Luckham, P.F. 301

Mackay, R.A. 1 Manohar, C. 229 Matsumura, Y. 293 Mishra, B.K. 229 Mukherjee, T. 229

Ochi, T. 13

Pashley, R.M. 201 Pichot, C. 189 Powell, R.L. 83

Rácz, G. 59 Rives, J.P. 25, 45

Saeid, A.M. 301 Schmutzler, K. 177 Sharma, M.M. 357 Sokołowski, A. 239, 251 Stenius, P. 313 Ström, G. 313

Tanaka, A. 217 Thistlethwaite, P.J. 339

Wanless, E.J. 201 Wartewig, S. 177

Zimmermann, R. 177

## **Subject Index**

Acid-base interaction, 25
Adsorbed dipoles, 149
Adsorbed protein, 293
Adsorption, 279, 313
Adsorption isotherm, 251
Air-water monolayers, 339
Alkyd resins, 313
n-Alkylthiooligooxypropylene glycols, 251
Alumina, 25, 45

Block copolymer, 177 Breath figures, 263

Cage surfactant, Calcination, Capillary impregnation, 83 Carbon fiber bundles. Cetylpyridinium bromide, 59 Clay sedimentation, Clays, 357 Coalescence. 301 Coalescence growth, 263 Competitive adsorption, Condensate-substrate contact angle, Corrin-Harkins equation, Critical adsorption effect, Critical micelle concentration, 201, 217 CTAB,

De-emulsification, 301
Diffusion coefficients, 1
Dispersant, 45
Dispersion, 25
Dodecylbenzene sulphonic acid, 59
Drag force, 13
Droplet, 301
Drops, 301

Electric double layer, 149
Electrochemical studies, 279
Electrochemistry, 1
Electrostatically bound aqueous ions, 1
Emulsion, 293, 301
ESCA, 313
Excimer formation, 229

Fatty acid, 25 Fibres, 301 Filter cake, 357
Filtration, 357
Floc breakup, 13
Fluid disperse systems, 149
Fluid interfaces, 101, 119
Fluorescent acid-base indicators, 339
Foaming properties, 59
FTIR, 313

Gibbs adsorption isotherm, 217

Interface, 279
Interfacial bending moment, 149
Interfacial bending moments, 101, 119

Kaolinite, 313

Langmuir adsorption isotherm, 217 Lipid monolayers, 279 Liquid-gas dispersion, 149 Low size particles, 189

Microcalorimetry, 177
Microemulsion, 149, 229
Microemulsions, 1
Monodisperse latex, 189
Monolayer studies, 279

Na DBS, 59
New empirical adsorption equation, 239
NMR, 1
Non-ionic amphiphiles, 239
Non-ionic surfactants, 239, 251
Nonaqueous, 25, 45

Octyl-phenyl-*n*-glycolether, 59 Oil-water interface, 293 Oligooxypropylenated alcohols, 251

pH titrations, 339
Phase diagram, 229
Phase inversion, 229
Poly (oxyethylene), 177
Poly (oxypropylene), 177
Polydispersity, 313

Spectroscopic probe, 339 Steric stabilization, 25 Stroboscopic photographs, 13
Surface activity, 239, 251
Surface excess density, 217
Surface hydroxylation, 45
Surface pressure, 279
Surface pressure-area isotherm, 339
Surface tension, 177, 217, 239
Surface viscosity, 293
Surfactant, 293
Surfactant, 293
Surfactant aggregation, 201

Temkin Isotherm, 239 Triton X-100, 59

van der Waals interactions, 83, 101, 119 Viscous liquid, 83

Water effect, 45

Zwitterionic surfactant, 189

